

Broadband

EZ Connect™ **2.4GHz 54Mbps Wireless Cable Modem Gateway**

Model Number: **SMC8013WG-G**



The new EZ Connect™ Wireless Cable Modem Gateway is a cable modem, 4-port router, and 2.4GHz 54Mbps 802.11g Wireless Access Point combined into one device to simplify cable connectivity for all types of users. The Gateway has a DOCSIS 1.1 certified cable modem to insure interoperability with existing cable systems, and is software upgradeable to future standards, such as DOCSIS 2.0 and CableHome 1.1 to future proof your investment and allow product to be easily updated as your Cable Operator's network grows.

The EZ Connect Wireless Cable Modem Gateway offers a full featured 802.11g wireless Access Point that supports data rates up to 54Mbps. To secure this wireless connection, the Gateway supports MAC address filtering and 64-/128-bit Wired Equivalent Privacy (WEP).

The EZ Connect Wireless Cable Modem Gateway includes advanced firewall protection and dynamic, configurable parental controls to protect your home from unwanted intruders and to protect your children from inappropriate web sites. The SMC8013WG-G supports VPN pass-through

connections with PPTP, L2TP, and IPSec. For advanced network security the EZ Connect Gateway has full-featured Stateful Packet Inspection (SPI) Firewall to provide a high level of security against hacker invasions, such as Denial of Service (DoS) attacks. The highly efficient SPI firewall analyzes individual data packets as they pass through the gateway, to ensure that only authorized packets are allowed access to your network. To control network access, parents or business owners can block certain web sites by entering either a URL address or just a keyword of the web site. In addition to these features, the Gateway provides hacker prevention and logging functionalities. For example, if a hacker attempts to access your network, the Gateway can alert you via email so you can take appropriate action.

The EZ Connect Wireless Cable Modem Gateway is a comprehensive broadband integrated networking solution for any user. By combining all of these features and functionality into a single device you have the perfect integrated networking device for any situation.

Features

- Complies with DOCSIS 1.1 cable modem requirements
- Software upgradeable to DOCSIS 2.0 and CableHome 1.0/1.1
- Integrated 802.11g Access Point
- Share your Cable connection across multiple computers
- Configurable Access Control rules
- Advanced SPI Firewall Protection
- VPN tunneling via L2TP, PPTP and IPSec pass-through

Benefits

- Fully interoperable with all DOCSIS cable networks
- Provide wireless connectivity through the integrated 11g Access Point.
- Future proofed for new standards and features - no hardware changes needed
- Complete high performance solution for bandwidth intensive business applications
- Block access to questionable content on the Internet by blocking access to specific web sites by limiting Internet access by date/time, key-words or URLs.
- The SPI firewall will monitor and analyze all the data passed through the Gateway to protect your network from Denial of Service (DoS) attacks.
- VPN pass-through support allows remote users secure access to their corporate infrastructure

Compatibility

- Platform independent - works with PC, Mac, and Linux
- DOCSIS 1.1 compliant, DOCSIS 2.0 upgradeable
- CableHome 1.0/1.1 upgradeable
- 802.11g
- 802.3
- 802.3u
- USB 1.1

SMC8013WG

WAN Port

- 1 - F type female 75ohm coax cable connector

LAN Ports

- 4 - 10/100 BASE-TX RJ45
- 1 - USB 1.1 Connector Type B

Modem Features

- DOCSIS 1.1 and 2.0 RFI compliant
- 64/256QAM auto detection
- Supports maximum DOCSIS transfer rates
- Independent resets for downstream and upstream blocks
- Fragmentation and concatenation enabling
- Quality of Service (QoS) features
- Supports 16 Service Identifiers (SIDs) in downstream
- Telnet with Command Line Interface (CLI)
- SNMP v1/v2

Gateway Features

- IEEE 802.1d compliant bridging
- HTTP Remote management with access rules option
- DHCP Client/Server
- DNS Relay
- Comprehensive Logging
- Application Level Gateways (ALG)

Security

- Stateful Packet Inspection (SPI) Firewall
- Network Address Translation (NAT)
- Denial of Service (DoS) prevention
- Access Control Rules
- Web based authentication

Wireless

- 2.4GHz 54Mbps 802.11g
- 64/128-bit WEP
- MAC Filtering

LEDs

- Power - displays On/Off status
- Diag - displays Diagnostics Status Gateway
- Cable - displays Status of Cable Network
- Traffic - displays data transferring on your **network**

- Wireless - displays status for 802.11g signal
- USB - displays USB connection status and data traffic
- Ethernet - displays Ethernet connection status and data traffic

Size

- 10.5" x 8" x 1.64"

Weight

- 1.35lbs

Power Adapter

- 12V/1.25A

Operating Environment

- Operating Temperature: 0°C to 40°C (32°F to 104°F)
- Operating Humidity: 10% to 85%

Storage Environment

- Storage Temperature: -20°C to 70°C (-4°F to 158°F)
- Storage Humidity: 5% to 90% Non-Condensing

Regulatory Approvals

- CSA
- FC Part 15B Class B
- FCC Part 68
- FCC Part 15C Class B
- CE mark EN55024

Certification

- FCC Part 15B Class B
- FCC Part 68
- CD mark EN55024
- FCC Part 15C Class B
- CE Class B
- VCCI Class B
- CSA International
- UL

Warranty

- 1 year

Product	Description
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